

# SSEA4 Monoclonal Antibody (MC-813-70), PE

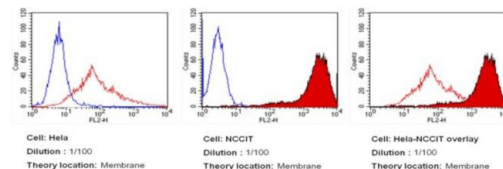
Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Mouse / IgG3
Class	Monoclonal
Type	Antibody
Clone	MC-813-70
Conjugate	PE
Excitation/Emission Max	565/576 nm
Immunogen	human embryonal carcinoma cell line 2102Ep
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_2536691

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	1:50-1:500	-

## Product Specific Information

MA1-021-PE has been successfully used in ICC/IF and flow cytometry applications on human samples.

## Product Images For SSEA4 Monoclonal Antibody (MC-813-70), PE



Cell: HeLa  
Dilution : 1/100  
Theory location: Membrane

Cell: NCCIT  
Dilution : 1/100  
Theory location: Membrane

Cell: HeLa-NCCIT overlay  
Dilution : 1/100  
Theory location: Membrane

### SSEA4 Antibody (MA1-021-PE) in Flow

Flow cytometry analysis of SSEA-4 in NCCIT (red filled histogram) and HeLa cells (red unfilled histogram) compared to unstained cells (blue histogram). Positive staining is observed on NCCIT cells when compared to no antibody control (middle panel) and to SSEA-4-negative HeLa cells (right panel). Cells were fixed with 2% paraformaldehyde and washed with PBS. Cells were blocked with 2% BSA-PBS for 30 minutes at room temperature and incubated with a PE-conjugated SSEA-4 monoclonal antibody (Product # MA1-021-PE) in 2% BSA-PBS at a dilution of 1:100 for 60 minutes at room temperature. Cells were washed and re-suspended in PBS for FACS analysis.

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